**LESSON #5**

Class: Biology

Unit: The Cell

Topic: Insane in the Membrane

**Instructional Objectives: Students will be able to…**

1.) Describe the function of a membrane.

2.) Explain how membranes organize the cell.

3.) Name the membranous organelles of a Eukaryotic cell.

4.) Describe the functions of those organelles.

**Time Activities**

9:00 – 9:10 I will start off by asking what they know regarding cell membranes and there function. This will be helpful in activating prior knowledge. I will then show them a brief video that describes the various membranous organelles and there function. (<http://www.youtube.com/watch?v=Ol9KynXgUzM&feature=related> ).

9:10 – 9:35 The class will then break up into groups. Each group will be assigned a different organelle. They will then be required to research the organelle and determine its function, if it has a single or double membrane, and any other pertinent information. There will be a multitude of resources available, including their textbook, other kinds of resource books, and a list of on-line resources that they can access.

9:35 – 9:45 Groups will then briefly explain what they have learned about their organelle to the class.

**Assignment:**

* Students will be asked to identify a man made example of a membrane, explaining why it’s a membrane and its function.

**Activity Materials:**

* Computer (at least 2)
* Selection of resource materials related to topic.
* Laptop
* Projector

**Resources for lesson:**

* Textbook
* Other informational texts
* Variety of online resources
* Video clip